

# Massachusetts School Building Authority

## Preliminary Enrollment Questionnaire and Baseline Projection

This report was generated by the Massachusetts School Building Authority's Enrollment Projection application. It contains data reported by the District, as well as data provided by the Massachusetts Department of Elementary and Secondary Education and the Massachusetts Department of Public Health.

The Baseline Projection is created by taking your actual current enrollment and calculating the grade-to-grade survival ratios for each grade. The ratios are applied to each grade to create the projection. The incoming kindergarten classes are extrapolated from the actual birth data compiled by the Department of Public Health. The final component of the baseline projection is based on the housing permits issued in the district. For more information about the baseline projection or the enrollment process, please see [www.massschoolbuildings.org](http://www.massschoolbuildings.org).

This print-out is for reviewing or record-keeping purposes only. If the District has already submitted their Preliminary Enrollment form to the MSBA online, there are no next steps to take.

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District:	Andover
Submission Date:	7/26/2018
Submitted By:	Paul Szymanski
As part of Statement of Interest?	No

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Disclaimer: A Preliminary Enrollment Report is NOT an application for funding. Submission of the Preliminary Enrollment information in no way commits the MSBA to accept an application, approve an application, provide a grant, or any other type of funding, or places any other obligation or requirement on the MSBA.

## Enrollment

The table below was provided by the Department of Elementary and Secondary Education. It contains enrollment information reported to them by the District of each year.

Year	Kinder	1	2	3	4	5	6	7	8	9	10	11	12	Total
2008-09	448	447	456	467	507	493	491	494	526	450	443	436	390	6048
2009-10	397	464	474	486	469	515	497	492	492	490	441	442	426	6085
2010-11	435	426	478	497	493	472	520	507	482	460	470	440	432	6112
2011-12	391	467	453	512	507	507	471	523	514	448	450	462	424	6129
2012-13	370	441	503	469	528	512	514	479	537	466	433	440	453	6145
2013-14	355	410	452	515	477	528	509	522	478	488	444	430	429	6037
2014-15	375	387	444	479	519	489	530	508	522	420	477	432	415	5997
2015-16	380	406	428	461	497	526	477	532	503	471	413	469	429	5992
2016-17	355	425	412	449	472	505	506	483	523	446	459	421	462	5918
2017-18	363	398	432	426	462	484	504	508	480	472	427	454	411	5821

These lines, if any, represent years that were not available from the DESE and were instead entered by the District in this form.

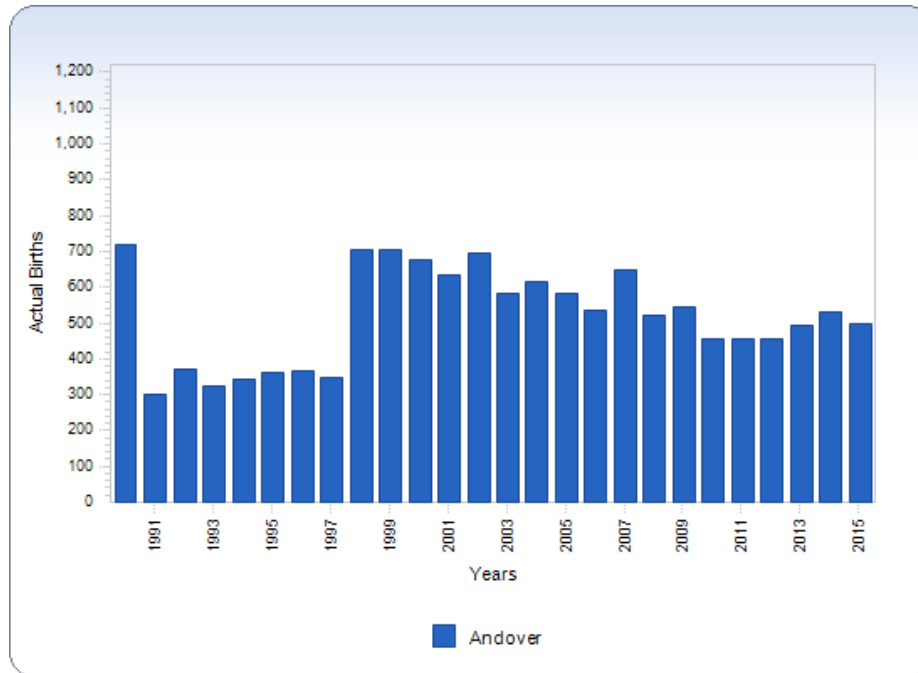
Year	Kinder	1	2	3	4	5	6	7	8	9	10	11	12	Total
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Comments:

## Births

The graph and table below represent data gathered by the Massachusetts DPH.

Actual births, Actual Female Population, Trends in Female Population



Birth Year	Andover
1990	716
1991	299
1992	372
1993	325
1994	343
1995	362
1996	364
1997	348
1998	704
1999	705
2000	674
2001	632
2002	694
2003	581
2004	617

2005	583
2006	535
2007	648
2008	520
2009	543
2010	457
2011	456
2012	456
2013	494
2014	529
2015	499

These lines, if any, represent years that were not available from the DPH and were instead entered by the District in this form.

Birth Year	Andover
2016	253
2017	236
2018	120

Comments:

Actual births for 2009 - 2015 should read as follows: 2009-270; 2010-221; 2011-230; 2012-226; 2013-239; 2014-265; 2015-250. 2018 births of 120 is as of 7/17/18.

## Building Permits

The following information was entered into the MSBA's Enrollment Projection application by the District.

### Actual Permits Issued

Municipality/Permit Type	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Andover(Single)	16	16	25	36	32	38	20	34	34	35
Andover(Multi)	5	1	3	1	13	13	14	5	4	6

### Total Projected Permits

Municipality/Permit Type	2018	2019
Andover(Single)	17	20
Andover(Multi)	100	130

### Projected Permits for Persons over 55

Municipality/Permit Type	2018	2019
Andover(Single)	7	7
Andover(Multi)	100	100

Comments:

Reference documents attached to transmittal

## Housing Project Description

The following description of active or planned residential developments were entered by the district.

<b>Development Name</b>	<b>Description</b> (Includes a breakdown of the type of units in the development, i.e., 50% single bedroom units, 50% 2+ bedrooms.)	<b>Estimated Completion Year</b>
Pulte Homes	200 Condos; 14 single family. Permit and site plans attached	2020
Monarch Woods	8 Single Family with 3 bedrooms	2019
Frenchman's Reserve	27 Multi-family units. 16 Units with 4 rooms; 11 Units with 4 room or less. Permit attached.	2020

## Housing Sales

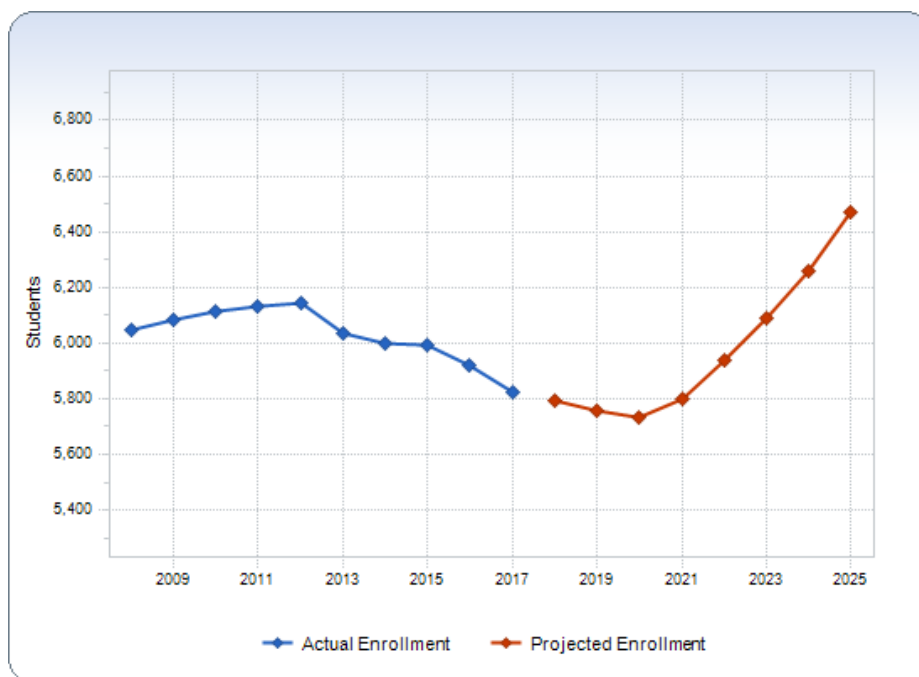
The following information has been provided by the Warren Group for each municipality in the school district.

Municipality	Year	Single Family sales	Condo Sales	Total Sales
Andover	2009	288	76	400
Andover	2010	320	66	429
Andover	2011	308	49	401
Andover	2012	325	72	471

Comments :

Sales figures provided by assessor's office using DOR gateway sales submissions for annual proposition 2 1/2 valuation adherence. Corrected housing sales numbers Municipality Year Single Family Sales Condo Sales Total Sales Andover 2009 309 88 397 Andover 2010 354 89 443 Andover 2011 340 80 420 Andover 2012 415 118 553

## Baseline Projection



### Actual Enrollment

Year	Kinder	1	2	3	4	5	6	7	8	9	10	11	12	Total
2008-09	448	447	456	467	507	493	491	494	526	450	443	436	390	6048
2009-10	397	464	474	486	469	515	497	492	492	490	441	442	426	6085
2010-11	435	426	478	497	493	472	520	507	482	460	470	440	432	6112
2011-12	391	467	453	512	507	507	471	523	514	448	450	462	424	6129
2012-13	370	441	503	469	528	512	514	479	537	466	433	440	453	6145
2013-14	355	410	452	515	477	528	509	522	478	488	444	430	429	6037
2014-15	375	387	444	479	519	489	530	508	522	420	477	432	415	5997
2015-16	380	406	428	461	497	526	477	532	503	471	413	469	429	5992
2016-17	355	425	412	449	472	505	506	483	523	446	459	421	462	5918
2017-18	363	398	432	426	462	484	504	508	480	472	427	454	411	5821



## Projection

This baseline projection was created using the information provided by the district, both to the DESE and in this questionnaire. It only takes into account the most recent enrollment and birth data for your district. This is only intended to help your district see general trends in district enrollment. A more robust projection taking more factors into account is created any time a district is invited into the project pipeline.

Year	Kinder	1	2	3	4	5	6	7	8	9	10	11	12	Total
2018-19	374	401	418	450	436	469	478	507	504	430	457	423	444	5791
2019-20	403	413	420	435	460	443	463	481	504	452	417	454	414	5759
2020-21	378	444	433	438	445	467	437	466	477	451	438	413	444	5731
2021-22	500	418	466	451	448	452	461	440	463	428	437	434	404	5802
2022-23	515	552	438	485	461	455	446	464	437	415	414	434	425	5941
2023-24	532	569	579	456	497	469	449	449	461	391	402	411	425	6090
2024-25	547	587	597	603	467	504	462	452	446	413	379	399	402	6258
2025-26	562	604	616	621	617	474	498	466	449	399	400	376	390	6472

This projection was created using a modified cohort survival methodology. Details can be found at [www.massschoolbuildings.org](http://www.massschoolbuildings.org)

### Comments :

Actual enrollment numbers shown in above table have been confirmed. However, projected enrollment numbers are not consistent with MGT projections summarized on Pages 30 and 31 (Exhibits 3-20A & 3-20B respectively) of their Facility Plan dated June 20, 2016 Modified April 3, 2017. Report included in SOI submission dated April 6, 2017. However, there has been extensive construction of single family homes and multi-family complexes since that report was completed.

# Massachusetts School Building Authority

## Signatures – Enrollment Questionnaire

This report was generated by the Massachusetts School Building Authority's Enrollment Projection application. Please sign it and return it to the Massachusetts School Building Authority (MSBA):

Enrollment Projection Team  
Massachusetts School Building Authority  
40 Broad Street, Suite 500  
Boston, MA 02109

You only have to return this page to the MSBA.  
You do not need to print out and mail a copy of the entire form.

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District:	Andover
Submission Date:	7/26/2018
As part of Statement of Interest?	Yes
Form ID:	239

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The undersigned hereby certifies that, to the best of his/her knowledge, information and belief, the statements and information contained in the form referenced above are true and accurate and that the Electronic Submitter was duly authorized to submit the information to the Massachusetts School Building Authority.

The undersigned also hereby acknowledges and agrees to provide the Massachusetts School Building Authority, upon request by the MSBA, any additional information relating to this enrollment information that may be required by the MSBA.

**This form may be signed by the Local Chief Executive Officer (E.g., Mayor, Town Manager) or by the School District Superintendent.**

Print Name : \_\_\_\_\_

Title : \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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